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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete if Known

Application Number	10/042,226
Filing Date	January 11, 2002
First Named Inventor	Bernd Riedl et al.
Group Art Unit	1614
Examiner Name	James Reamer
Attorney Docket Number	BAYER 24A

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
9/2/01		4,973,675		Israel et al.	11-27-1990	
		6,147,116		Barbachyn et al.	11-14-2000	
		6,344,476 B1		Ranges et al.	2-5-2002	
		4,111,683		Singer	9-5-1978	
		5,596,001		Hamanaka	1-21-1997	
		5,447,957		Adams et al.	9-5-1995	
		6,143,764		Kubo et al.	11-7-2000	
		6,043,374		Widdowson et al.	3-28-2000	
		6,015,908		Widdowson et al.	1-18-2000	
		5,929,250		Widdowson et al.	7-27-1999	
		6,391,917 B1		Petrie et al.	5-21-2002	
		4,279,639		Okamoto et al.	7-21-1981	
		6,022,884		Mantlo et al.	2-8-1998	

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FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
9/2/01		JP	54-032468			9-3-1979		
		EP	0405233A1			1-2-91		
		EP	0379915A1			8-1-90		
		EP	0381987A1			8-16-90		
		EP	0380048A2			8-1-90		
		EP	0264904A2			4-27-88		
		EP	0359148A1			3-21-90		
		EP	0233559B1			8-26-87		
		EP	0230400A2			7-29-87		

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James H. Reamer

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**INFORMATION DISCLOSURE
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Sheet 2 of 5

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Group Art Unit	1614
Examiner Name	James Reamer
Attorney Docket Number	BAYER 24A

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JHR		Publication No. US 2002/0065296 A1, Publication Date: May 30, 2002, Dumas et al.	
		Publication No. US 2002/0062763 A1, Publication Date: May 30, 2003, Macholdt et al.	
		Publication No. US 2002/0128321 A1, Publication Date: September 21, 2002, Widdowson et al.	
		Publication No. US 2002/0082255 a1, Publication Date: June 27, 2002, Eastwood	
		Caplus 113:106314, Abstract of JP 2022650, Silver halide color photographic material containing a cyan coupler of 2-ureido-phenol type to improve dye developability and remove leuco cyan dye, Noboru Mizukura et al. January 25, 1990.	
		Caplus 113:142130, Abstract of JP 2023337, Silver halide photographic material containing phenolic cyan coupler a colorless cyan coupler, Toshihiko Yagi et al., January 25, 1990.	
		Caplus 87:62295, "The metabolism and toxicity of halogenated carbanilides. Biliary metabolites of 3,4,4'-trichlorocarbanilide and 3-trifluoromethyl-4,4'-dichlorocarbanilide in the rat", Chemical Life Science, pp. 157-66, 1977.	
		Caplus 127:293717, "Optical properties of segmented oligourethane with azomethine terminal fragments", National Academy of Science of Ukraine, M. V. Kurik et al., pp. 2038-2041, 1996.	
		Caplus 127:273945, "Quantitative structure-biodegradability studies: an investigation of the MITI aromatic compound database", School of Pharmacy and Chemistry, J. C. Dearden, pp. 93-104, 1996	
		Caplus 126:166148, "Inhibitors of coenzyme A-independent transacylase induce apoptosis in human HL-60 cells", James D. Winkler et al., J. Pharmacol. Exp. Ther. Pp. 956-966, 1996.	
JHR		Caplus 98:78152, Abstract of JP 57185219, "Antitumor benzophenone derivatives", November 15, 1982.	

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Sheet 4 Of 5

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Group Art Unit	1614
Examiner Name	James Reamer
Attorney Docket Number	BAYER 24A

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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JMR		Caplus 72:79046, Abstract of CH 479557, "Tuberculostatic and cancerostatic polybasic ureas", Dr. A. Wander, October 15, 1969.	
		Caplus 125:245169, "Production of murine monoclonal antibodies against sulcofuron and flucofuron by in vitro immunization", G. A. Bonwick et al., J. Immunol. Methods, pp. 163-173, 1996.	
		Caplus 127:34137f, "Preparation of quinoline an dquinazoline derivatives inhibiting platelet-derived growth factor receptor autophosphorylation", Kazuo Kubo et al., May 15, 1997.	
		Caplus 131:58658, "Inhibition of raf kinase using symmetrical and unsymmetrical substituted diphenyl ureas", Miller, Scott, July 1, 1999.	
		Caplus 131:87909y, "Inhibition of p38 kinase activity using substituted heterocyclic ureas", Jacques Dumas, July 1, 1999.	
		Caplus 131:73649b, "Preparation of pyrazolyl aryl ureas and related compounds as p38kinase inhibitor", Jacques Dumas, July 1, 1999.	
		Joseph V. Simone, "Cecil Textbook of Medicine", 20th Edition, Vol. 1, 2-3-1997. pp. 1004-1010.	
		Cesar Raposo et al., "Catalysis of Nucleophilic Addition of Pyrrolidine to 2-(5H)-Furanone through Chromenone Cleft-Type Receptors", Vol. 37, No. 38, pp. 6947-6950, 1996.	
		Jacqueline E. van Muijlwijk-Koezen et al., "Isoquinoline and Quinazoline Urea Analogues as Antagonists for the Human Adenosine A ₃ Receptor", J. Ed. Chem. 2000, 43, pp. 2227-2238, January 3, 2000.	
		Jacques Dumas et al., "1-Phenyl-5-pyrazolyl Ureas: Potent and Selective p38 Kinase Inhibitors", Bioorganic & Medicinal Chemistry Letters, pp. 2051-2054, May 2, 2000.	
JMR		Robert W. Carling et al., "1-(3-Cyanobenxylpiperidin-4-yl)-5-methyl-4-phenyl-1,3-dihydroimidazol-2-one: A Selective High-Affinity Antagonist for the Human Dopamine D ₄ Receptor with Excellent Selectivity over Ion Channels", J. Med. Chem., 1999, 42, pp. 2706-2715.	
		Abstract WO 9822103, May 28, 1998, John Philip Hedge et al.	

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James Reamer

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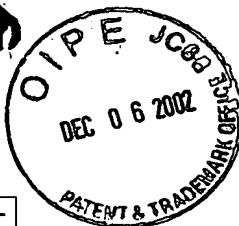
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JMR		Abstract of DE 3305866A1, August 29, 1984, Dr. Acker Rolf-Dieter et al.	
		Abstract of EP 4931(equivalent 4,240,820), K. Dickore e tal. (1980)	
		Dumas, J.. "CAS Structure," May 6, 1997, pages 1-29	
		Scott,Bill, "Substructure (Patent Families)", August 11, 1997, pages 1-19.	
		Scott, Bill, "Substructure #2", November 25, 1997, pages 1-3.	
		"Beilstein number" Collection, 28 pages (1997)	
		"Beilstein Collection", 4 pages (1997)	
		Scott, Bill, "Substructure Search", December 2, 1997, pages 1-51.	
		Substructure Search, pages 1-30. (1997)	
		Derwent World Patents Index Search, pages 20-26. (1997)	
		Abstract of EP 116,932 (1984)	
		Abstract of EP 676,395 (1995)	
		Abstract of EP 202,538 (1986)	
JMR		Abstract of EP 16,371 (1980)	

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